

CHICKENPOX

Moderate activity

In metropolitan France, last week (2017w20), the incidence rate of Chickenpox seen in general practice was estimated at 32 cases per 100,000 inhabitants (95% CI [23 ; 41]).

Eight regional clusters were reported, **high** in Pays de la Loire (104 cases per 100,000 inhabitants, 95% CI [0 ; 252]), Ile-de-France (52, 95% CI [0 ; 122]) and Grand Est (50, 95% CI [0 ; 102]) and **moderate** in Corse (34, 95% CI [0 ; 72]), Hauts-de-France (29, 95% CI [3 ; 55]), Centre-Val de Loire (28, 95% CI [0 ; 57]), Occitanie (24, 95% CI [3 ; 45]) and Auvergne-Rhône-Alpes (22, 95% CI [3 ; 41]). *

[More information about this surveillance](#)

ACUTE DIARRHEA

Moderate activity

In metropolitan France, last week (2017w20), the incidence rate of Acute diarrhea seen in general practice was estimated at 93 cases per 100,000 inhabitants (95% CI [76 ; 110]), **below** the epidemic threshold (118 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Provence-Alpes-Côte d'Azur (224 cases per 100,000 inhabitants, 95% CI [71 ; 377]), Hauts-de-France (160, 95% CI [86 ; 234]) and Grand Est (137, 95% CI [62 ; 212]). *

[More information about this surveillance](#)

INFLUENZA-LIKE ILLNESS

Low activity

In metropolitan France, last week (2017w20), the incidence rate of Influenza-like illness seen in general practice was estimated at 4 cases per 100,000 inhabitants (95% CI [1 ; 7]), **below** the epidemic threshold (67 cases per 100,000 inhabitants) [1].

At the regional level, the highest incidence rates were noted in: Provence-Alpes-Côte d'Azur (12 cases per 100,000 inhabitants, 95% CI [0 ; 30]), Ile-de-France (10, 95% CI [0 ; 28]) and Hauts-de-France (6, 95% CI [0 ; 15]). *

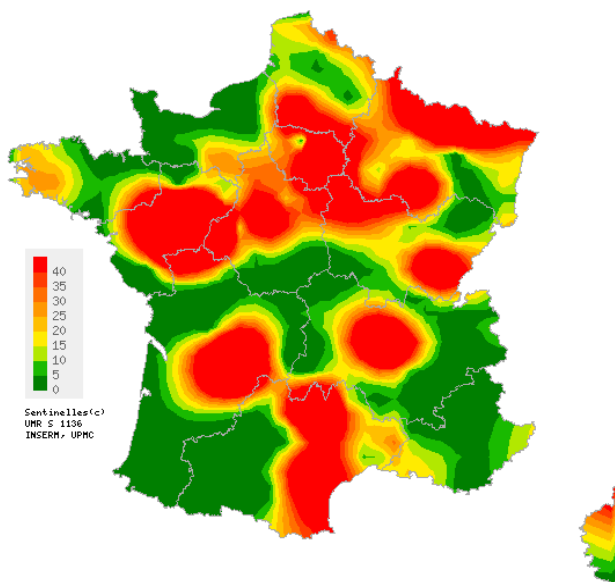
[More information about this surveillance](#)

[Information about the statistical methods](#)

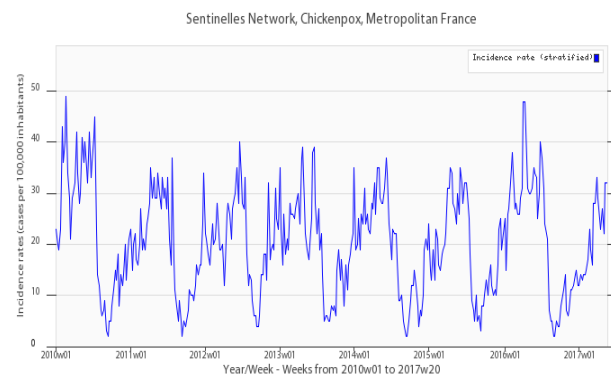
* The regional data are presented at the end of this report.

[1] Costagliola D, et al. A routine tool for detection and assessment of epidemics of influenza-like syndromes in France. *Am J Public Health*. 1991;81(1):97-9.

CHICKENPOX

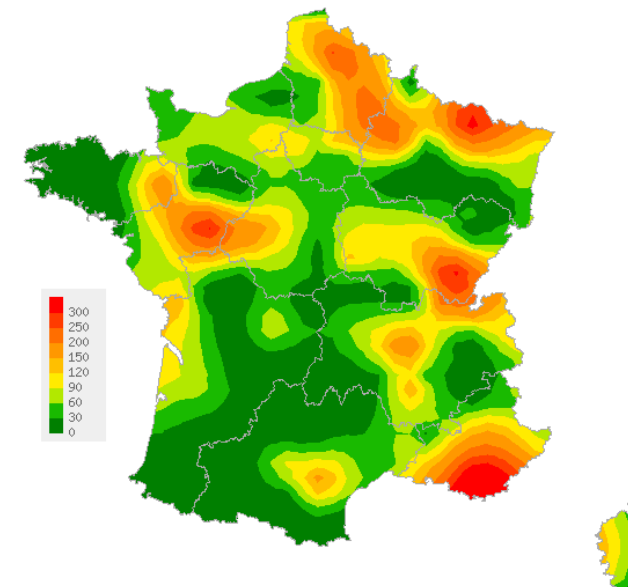


Map of spatial data interpolation based on incidence rates at the «departement» (NUTS 3) level, (per 100 000 inhabitants), Chickenpox, Sentinelles general practitioners, 2017w20
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)

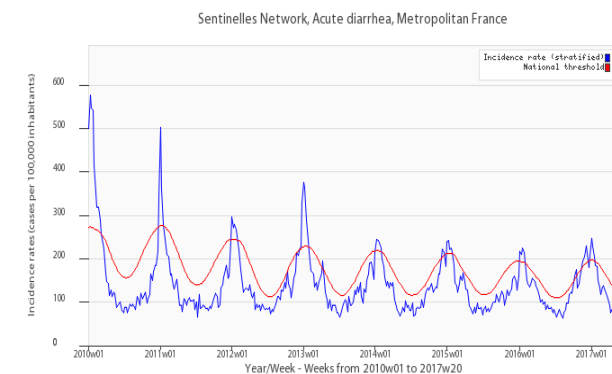


Incidence rate in blue, (per 100 000 inhabitants), Chickenpox, Sentinelles general practitioners

ACUTE DIARRHEA



Map of spatial data interpolation based on incidence rates at the «departement» (NUTS 3) level, (per 100 000 inhabitants), Acute diarrhea, Sentinelles general practitioners, 2017w20
[Maps available at http://www.sentiweb.fr](http://www.sentiweb.fr)



Incidence rate in blue, epidemic threshold in red calculated by a periodic regression model [1] (per 100 000 inhabitants), Acute diarrhea, Sentinelles general practitioners

National incidence rates (per 100 000 inhabitants) over the past 3 weeks	2017w20 (non consolidated)	2017w19	2017w18
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
INFLUENZA-LIKE ILLNESS	4 [1 ; 7]	5 [2 ; 8]	3 [1 ; 5]
ACUTE DIARRHEA	93 [76 ; 110]	102 [88 ; 116]	95 [81 ; 109]
CHICKENPOX	32 [23 ; 41]	32 [24 ; 40]	22 [15 ; 29]

Table 1 : Incidence rates* estimation with 95% confidence interval, for each indicator, in France, over the past 3 weeks .

Regional incidence rates for week 2017w20 (per 100 000 inhabitants)	INFLUENZA-LIKE ILLNESS	ACUTE DIARRHEA	CHICKENPOX
	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]	Incidence rate estimation [95% confidence interval]
Auvergne-Rhône-Alpes	5 [0 ; 14]	96 [45 ; 147]	22 [3 ; 41]
Bourgogne-Franche-Comté	1 [0 ; 6]	77 [33 ; 121]	18 [0 ; 38]
Bretagne	0 [0 ; 0]	71 [7 ; 135]	17 [0 ; 45]
Centre-Val de Loire	0 [0 ; 0]	89 [43 ; 135]	28 [0 ; 57]
Corse	0 [0 ; 0]	87 [14 ; 160]	34 [0 ; 72]
Grand Est	0 [0 ; 0]	137 [62 ; 212]	50 [0 ; 102]
Hauts-de-France	6 [0 ; 15]	160 [86 ; 234]	29 [3 ; 55]
Ile-de-France	10 [0 ; 28]	76 [10 ; 142]	52 [0 ; 122]
Normandie	2 [0 ; 10]	61 [3 ; 119]	3 [0 ; 10]
Nouvelle-Aquitaine	0 [0 ; 0]	43 [0 ; 91]	19 [0 ; 47]
Occitanie	0 [0 ; 0]	53 [18 ; 88]	24 [3 ; 45]
Pays de la Loire	0 [0 ; 0]	123 [0 ; 273]	104 [0 ; 252]
Provence-Alpes-Côte d'Azur	12 [0 ; 30]	224 [71 ; 377]	10 [0 ; 40]

Table 2 : Incidence rates* estimation with 95% confidence interval, for each indicator, for each French region, for week 2017w20.

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*The " Réseau Sentinelles" or Sentinelles Network
(a.k.a. French Communicable Diseases Computer Network)
is a network of 1,413 physicians working throughout the metropolitan regions
of France including 555 involved in the clinical surveillance activity
(440 general practitioners and 115 pediatricians)
enabling the achievement of weekly newsletters.
This network is developed in cooperation between Inserm, Université Pierre
et Marie Curie (UPMC) and the Agence Santé publique France.*

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Ile-de-France	Mathilde François	Cécile Pino
Méditerranée : Corse / Occitanie / Provence-Alpes-Côte d'Azur	Jean-Pierre Amoros Alessandra Falchi	Priscillia Bompard Lisandru Capai Shirley Masse

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* Incidence rates estimate are calculated on the activity of general practitioners.